

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/988,165D
Source: 1FW16
Date Processed by STIC: 11/10/04

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 11/10/2004

PATENT APPLICATION: US/09/988,165D

TIME: 15:50:14

Input Set : A:\09-988165.txt

Output Set: N:\CRF4\11102004\I988165D.raw

3 <110> APPLICANT: Zeppezauer, Michael
 4 Schonberger, Arno
 5 Cebecauer, Ladislav
 7 <120> TITLE OF INVENTION: PEPTIDES FOR THE PRODUCTION OF PREPARATIONS FOR THE
 AGNOSIS AND

8 THERAPY OF AUTOIMMUNE DISEASES

10 <130> FILE REFERENCE: 44011-010700

12 <140> CURRENT APPLICATION NUMBER: 09/988,165D

13 <141> CURRENT FILING DATE: 2001-11-19

15 <150> PRIOR APPLICATION NUMBER: 07/946,180

16 <151> PRIOR FILING DATE: 1992-09-16

18 <160> NUMBER OF SEQ ID NOS: 32

20 <170> SOFTWARE: PatentIn version 3.2

22 <210> SEQ ID NO: 1

23 <211> LENGTH: 25

24 <212> TYPE: PRT

25 <213> ORGANISM: Homo sapiens

27 <400> SEQUENCE: 1

29 Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala Lys

30 1 5 10 15

33 Pro Lys Lys Ala Ala Pro Lys Lys Lys

34 20 25

37 <210> SEQ ID NO: 2

38 <211> LENGTH: 35

39 <212> TYPE: PRT

40 <213> ORGANISM: Homo sapiens

42 <400> SEQUENCE: 2

44 Pro Glu Pro Ala Lys Ser Ala Pro Ala Pro Lys Lys Gly Ser Lys Lys

45 1 5 10 15

48 Ala Val Thr Lys Ala Gln Lys Lys Asp Gly Lys Lys Arg Lys Arg Ser

49 20 25 30

52 Glu Lys Glu

53 35

56 <210> SEQ ID NO: 3

57 <211> LENGTH: 41

58 <212> TYPE: PRT

59 <213> ORGANISM: Homo sapiens

61 <400> SEQUENCE: 3

63 Ser Tyr Ser Val Tyr Val Tyr Lys Val Leu Lys Gln Val His Pro Asp

64 1 5 10 15

67 Thr Gly Ile Ser Ser Lys Ala Met Gly Ile Met Asn Ser Phe Val Asn

68 20 25 30

71 Asp Ile Phe Glu Arg Ile Ala Gly Glu

72 35 40

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75 <210> SEQ ID NO: 4
76 <211> LENGTH: 25
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 4
82 Lys Pro Lys Ala Ala Lys Ala Arg Val Thr Lys Pro Lys Thr Ala Lys
83 1          5          10          15
86 Pro Lys Lys Ala Ala Pro Lys Lys Lys
87          20          25
90 <210> SEQ ID NO: 5
91 <211> LENGTH: 25
92 <212> TYPE: PRT
93 <213> ORGANISM: Homo sapiens
95 <400> SEQUENCE: 5
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98 1          5          10          15
101 Pro Lys Lys Ala Ala Pro Lys Lys Lys
102          20          25
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 25
107 <212> TYPE: PRT
108 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 6
112 Lys Pro Lys Ala Ala Lys Pro Lys Ser Gly Lys Pro Lys Val Thr Lys
113 1          5          10          15
116 Ala Lys Lys Ala Ala Pro Lys Lys Lys
117          20          25
120 <210> SEQ ID NO: 7
121 <211> LENGTH: 25
122 <212> TYPE: PRT
123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 7
127 Lys Pro Lys Ala Ala Lys Pro Lys Thr Ala Lys Pro Lys Ala Ala Lys
128 1          5          10          15
131 Pro Lys Ala Ala Ala Lys Lys Lys
132          20          25
135 <210> SEQ ID NO: 8
136 <211> LENGTH: 25
137 <212> TYPE: PRT
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 8
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143 1          5          10          15
146 Ala Lys Lys Ala Ala Ala Lys Lys Lys
147          20          25
150 <210> SEQ ID NO: 9
151 <211> LENGTH: 27
152 <212> TYPE: PRT
153 <213> ORGANISM: Homo sapiens

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155 <400> SEQUENCE: 9
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158 1 5 10 15
161 Pro Lys Ala Lys Lys Ala Ala Ala Lys Lys Ala
162 20 25
165 <210> SEQ ID NO: 10
166 <211> LENGTH: 27
167 <212> TYPE: PRT
168 <213> ORGANISM: Bos taurus
170 <400> SEQUENCE: 10
172 Ala Pro Ala Ala Pro Ala Ala Ala Pro Pro Ala Glu Lys Thr Pro Val
173 1 5 10 15
176 Lys Lys Lys Ala Ala Lys Lys Pro Ala Gly Ala
177 20 25
180 <210> SEQ ID NO: 11
181 <211> LENGTH: 21
182 <212> TYPE: PRT
183 <213> ORGANISM: Bos taurus
185 <400> SEQUENCE: 11
187 Arg Ser Gly Val Ser Leu Ala Ala Leu Lys Lys Ala Leu Ala Ala Ala
188 1 5 10 15
191 Gly Tyr Asp Val Glu
192 20
195 <210> SEQ ID NO: 12
196 <211> LENGTH: 20
197 <212> TYPE: PRT
198 <213> ORGANISM: Bos taurus
200 <400> SEQUENCE: 12
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203 1 5 10 15
206 Ala Ser Gly Glu
207 20
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211 <211> LENGTH: 41
212 <212> TYPE: PRT
213 <213> ORGANISM: Bos taurus
215 <400> SEQUENCE: 13
217 Lys Asn Asn Ser Arg Ile Lys Leu Gly Leu Lys Ser Leu Val Ser Lys
218 1 5 10 15
221 Gly Thr Leu Val Glu Thr Lys Gly Thr Gly Ala Ser Gly Ser Phe Lys
222 20 25 30
225 Leu Asn Lys Lys Ala Ala Ser Gly Glu
226 35 40
229 <210> SEQ ID NO: 14
230 <211> LENGTH: 51
231 <212> TYPE: PRT
232 <213> ORGANISM: Bos taurus
234 <400> SEQUENCE: 14
236 Ala Leu Ala Ala Ala Gly Tyr Asp Val Glu Lys Asn Asn Ser Arg Ile

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237 1           5           10           15
240 Lys Leu Gly Leu Lys Ser Leu Val Ser Lys Gly Thr Leu Val Glu Thr
241           20           25           30
244 Lys Gly Thr Gly Ala Ser Gly Ser Phe Lys Leu Asn Lys Lys Ala Ala
245           35           40           45
248 Ser Gly Glu
249           50
252 <210> SEQ ID NO: 15
253 <211> LENGTH: 62
254 <212> TYPE: PRT
255 <213> ORGANISM: Bos taurus
257 <400> SEQUENCE: 15
259 Arg Ser Gly Val Ser Leu Ala Ala Leu Lys Lys Ala Leu Ala Ala Ala
260 1           5           10           15
263 Gly Tyr Asp Val Glu Lys Asn Asn Ser Arg Ile Lys Leu Gly Leu Lys
264           20           25           30
267 Ser Leu Val Ser Lys Gly Thr Leu Val Glu Thr Lys Gly Thr Gly Ala
268           35           40           45
271 Ser Gly Ser Phe Lys Leu Asn Lys Lys Ala Ala Ser Gly Glu
272           50           55           60
275 <210> SEQ ID NO: 16
276 <211> LENGTH: 25
277 <212> TYPE: PRT
278 <213> ORGANISM: Bos taurus
280 <400> SEQUENCE: 16
282 Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala Lys
283 1           5           10           15
286 Pro Lys Lys Ala Ala Pro Lys Lys Lys
287           20           25
290 <210> SEQ ID NO: 17
291 <211> LENGTH: 35
292 <212> TYPE: PRT
293 <213> ORGANISM: Bos taurus
295 <400> SEQUENCE: 17
297 Pro Glu Pro Ala Lys Ser Ala Pro Ala Pro Lys Lys Gly Ser Lys Lys
298 1           5           10           15
301 Ala Val Thr Lys Ala Gln Lys Lys Asp Gly Lys Lys Arg Lys Arg Ser
302           20           25           30
305 Glu Lys Glu
306           35
309 <210> SEQ ID NO: 18
310 <211> LENGTH: 41
311 <212> TYPE: PRT
312 <213> ORGANISM: Bos taurus
314 <400> SEQUENCE: 18
316 Ser Tyr Ser Val Tyr Val Tyr Lys Val Leu Lys Gln Val His Pro Asp
317 1           5           10           15
320 Thr Gly Ile Ser Ser Lys Ala Met Gly Ile Met Asn Ser Phe Val Asn
321           20           25           30

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324 Asp Ile Phe Glu Arg Ile Ala Gly Glu
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328 <210> SEQ ID NO: 19
329 <211> LENGTH: 17
330 <212> TYPE: PRT
331 <213> ORGANISM: Bos taurus
333 <400> SEQUENCE: 19
335 Ala Ser Arg Leu Ala His Tyr Asn Lys Arg Ser Thr Ile Thr Ser Arg
336 1      5      10      15
339 Glu
343 <210> SEQ ID NO: 20
344 <211> LENGTH: 12
345 <212> TYPE: PRT
346 <213> ORGANISM: Bos taurus
348 <400> SEQUENCE: 20
350 Ile Gln Thr Ala Val Arg Leu Leu Leu Pro Gly Glu
351 1      5      10
354 <210> SEQ ID NO: 21
355 <211> LENGTH: 8
356 <212> TYPE: PRT
357 <213> ORGANISM: Bos taurus
359 <400> SEQUENCE: 21
361 Leu Ala Lys His Ala Val Ser Glu
362 1      5
365 <210> SEQ ID NO: 22
366 <211> LENGTH: 12
367 <212> TYPE: PRT
368 <213> ORGANISM: Bos taurus
370 <400> SEQUENCE: 22
372 Gly Thr Lys Ala Val Thr Lys Tyr Thr Ser Ser Lys
373 1      5      10
376 <210> SEQ ID NO: 23
377 <211> LENGTH: 21
378 <212> TYPE: PRT
379 <213> ORGANISM: Bos taurus
381 <400> SEQUENCE: 23
383 Pro Glu Pro Ala Lys Ser Ala Pro Ala Pro Lys Lys Gly Ser Lys Lys
384 1      5      10      15
387 Ala Val Thr Lys Ala
388      20
391 <210> SEQ ID NO: 24
392 <211> LENGTH: 8
393 <212> TYPE: PRT
394 <213> ORGANISM: Bos taurus
396 <400> SEQUENCE: 24
398 Ala Lys Ser Ala Pro Ala Pro Lys
399 1      5
402 <210> SEQ ID NO: 25
403 <211> LENGTH: 22

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:32; Xaa Pos. 2

VERIFICATION SUMMARY

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L:528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0